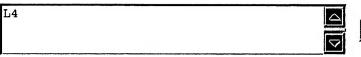
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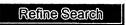
Terms	Documents
L3 and multi-varia\$	3

Database:

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## **Search History**

DATE: Tuesday, September 26, 2006 Purge Queries Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
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<u>L3</u>	L1 and chromosomes same cost	13	<u>L3</u>
<u>L2</u>	L1 and chromosomes and cost	67	<u>L2</u>
L1	706/13.ccls.	317	L1

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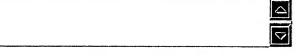
Terms	Documents
L5 and (real or initial) near cost	6

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L6











Create Case

## **Search History**

DATE: Tuesday, September 26, 2006 Purge Queries Printable Copy

Set Name side by side	Query	<u>Hit</u> <u>Count</u>	Set Name result set
DB=P	GPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=NO; OP=OR		
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>
<u>L1</u>	(5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.	14	<u>L1</u>

# **Hit List**

First Hit Clear Generate Collection Print Fwd Refs Bland Refs

Generate OACS

**Search Results -** Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20050197987 A1

L6: Entry 1 of 6

File: PGPB

Sep 8, 2005

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197987

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197987 A1

TITLE: Systems and methods for selecting a value set

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Anderson, David M. Fort Collins CO US McGuffin, Tyson R. Fort Collins CO US Chen, Thomas W. Fort Collins CO US

US-CL-CURRENT: 706/45

Full		Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawi De
	,	2.	Documen	t ID:	US 20	050197979	<b>A</b> 1						

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20050197979

PGPUB-FILING-TYPE: new

L6: Entry 2 of 6

DOCUMENT-IDENTIFIER: US 20050197979 A1

TITLE: Speculation count in a genetic algorithm

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Anderson, David M. Fort Collins CO US McGuffin, Tyson R. Fort Collins CO US Chen, Thomas W. Fort Collins CO US

US-CL-CURRENT: <u>706/13</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw, De

☐ 3. Document ID: US 20050197978 A1

L6: Entry 3 of 6

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197978

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197978 A1

TITLE: Speculative pool

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Anderson, David M. Fort Collins CO US McGuffin, Tyson R. Fort Collins CO US Chen, Thomas W. Fort Collins CO US

US-CL-CURRENT: 706/13

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De
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4. Document ID: US 20050159897 A1

L6: Entry 4 of 6

File: PGPB

Jul 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050159897

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050159897 A1

TITLE: Postponing validation of speculative chromosomes

PUBLICATION-DATE: July 21, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Anderson, David M. Fort Collins CO US McGuffin, Tyson R. Fort Collins CO US Chen, Thomas W. Fort Collins CO US

US-CL-CURRENT: <u>702/20</u>; <u>706/13</u>

☐ 5. Document ID: US 20050197987 A1

L6: Entry 5 of 6

File: DWPI

Sep 8, 2005

DERWENT-ACC-NO: 2005-638190

DERWENT-WEEK: 200565

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TITLE: Value set selection system in genetic application, determines appropriate cost based on generated real cost for each of parent chromosomes, and difference in value sets of parent chromosomes and associated child chromosomes

INVENTOR: ANDERSON, D M; CHEN, T W; MCGUFFIN, T R

PRIORITY-DATA: 2004US-0761479 (January 21, 2004)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MATN-TPC

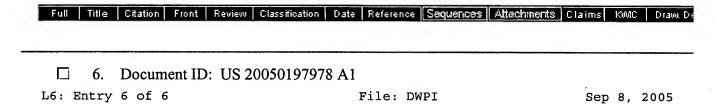
US 20050197987 A1

September 8, 2005

015

G06N005/00

INT-CL (IPC): G06N 5/00



DERWENT-ACC-NO: 2005-638183

DERWENT-WEEK: 200565

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TITLE: System for selecting value set associated with set of parameters in genetic applications, generates speculative cost corresponding to value set variations of

real chromosomes

INVENTOR: ANDERSON, D M; CHEN, T W; MCGUFFIN, T R

PRIORITY-DATA: 2004US-0761478 (January 21, 2004)

PATENT-FAMILY:

PUB-NO '

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

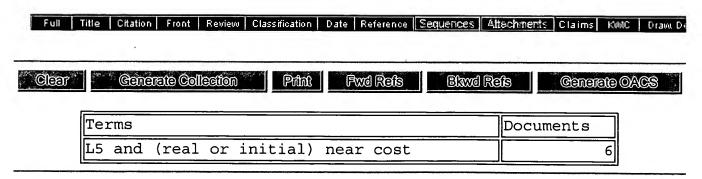
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September 8, 2005

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G06N003/00

INT-CL (IPC): G06N 3/00



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Terms	Documents
chromosomes and (real or initial) near cost	29

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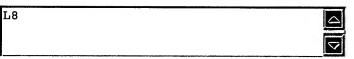
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<u>L8</u>	chromosomes and (real or initial) near cost	29	<u>L8</u>
<u>L7</u>	chromosomes same cost and (real or initial) near cost	6	<u>L7</u>
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>
<u>L1</u>	(5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.	14	<u>L1</u>

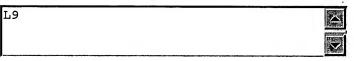
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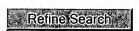
Terms	Documents
chromosomes same (real or initial) near cost	6

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<u>L7</u>	chromosomes same cost and (real or initial) near cost	6	<u>L7</u>
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>
<u>L1</u>	(5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.	14	<u>L1</u>

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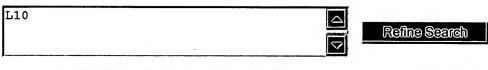
Terms	Documents
multi-varia\$ near cost and chromosomes	6

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DATE: Tuesday, September 26, 2006 Purge Queries Printable Copy Create Case

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<u>L9</u>	chromosomes same (real or initial) near cost	6	<u>L9</u>
<u>L8</u>	chromosomes and (real or initial) near cost	29	<u>L8</u>
<u>L7</u>	chromosomes same cost and (real or initial) near cost	6	<u>L7</u>
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>
<u>L1</u>	(5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.	14	<u>L1</u>

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**Search Results -** Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20050197987 A1

L10: Entry 1 of 6 File: PGPB

Sep 8, 2005

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197987

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197987 A1

TITLE: Systems and methods for selecting a value set

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Anderson, David M. Fort Collins CO IIS McGuffin, Tyson R. Fort Collins CO US Chen, Thomas W. Fort Collins CO US

US-CL-CURRENT: 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, D
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File: PGPB

PGPUB-DOCUMENT-NUMBER: 20050197979

PGPUB-FILING-TYPE: new

L10: Entry 2 of 6

DOCUMENT-IDENTIFIER: US 20050197979 A1

TITLE: Speculation count in a genetic algorithm

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Anderson, David M. Fort Collins CO US McGuffin, Tyson R. Fort Collins CO US Chen, Thomas W. Fort Collins CO US

US-CL-CURRENT: <u>706/13</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw, Do

☐ 3. Document ID: US 20050197978 A1

L10: Entry 3 of 6 File: PGPB Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197978

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197978 A1

TITLE: Speculative pool

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Anderson, David M. Fort Collins CO US McGuffin, Tyson R. Fort Collins .CO US Chen, Thomas W. Fort Collins CO US

US-CL-CURRENT: 706/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De

4. Document ID: US 20050159897 A1

L10: Entry 4 of 6

File: PGPB

Jul 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050159897

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050159897 A1

TITLE: Postponing validation of speculative chromosomes

PUBLICATION-DATE: July 21, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Anderson, David M. Fort Collins CO US McGuffin, Tyson R. Fort Collins CO US Chen, Thomas W. Fort Collins CO US

US-CL-CURRENT: <u>702/20</u>; <u>706/13</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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□ 5. Document ID: US 20040043795 A1

L10: Entry 5 of 6 File: PGPB

Mar 4, 2004

Record List Display

PGPUB-DOCUMENT-NUMBER: 20040043795

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040043795 A1

TITLE: Genetic algorithm-based adaptive antenna array processing method and system

Page 3 of 4

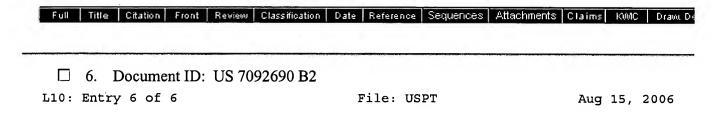
PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Zancewicz, Gregory Melissa TX US

US-CL-CURRENT: 455/562.1



US-PAT-NO: 7092690

DOCUMENT-IDENTIFIER: US 7092690 B2

TITLE: Genetic algorithm-based adaptive antenna array processing method and system

DATE-ISSUED: August 15, 2006

PRIOR-PUBLICATION:

DOC-ID DATE

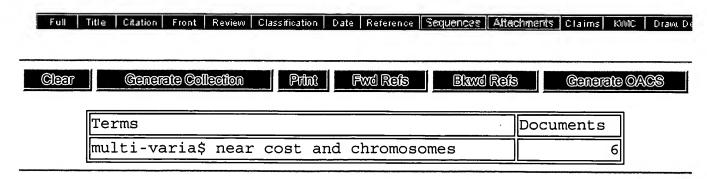
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**INVENTOR-INFORMATION:** 

NAME CITY STATE ZIP CODE COUNTRY

Zancewicz; Gregory Melissa TX 75454 US

US-CL-CURRENT:  $\underline{455}/\underline{273}$ ;  $\underline{342}/\underline{368}$ ,  $\underline{342}/\underline{373}$ ,  $\underline{455}/\underline{272}$ ,  $\underline{455}/\underline{276.1}$ ,  $\underline{455}/\underline{562.1}$ 



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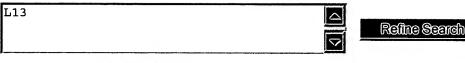
#### Search Results -

Terms	Documents
L12 and (pool or population)	49

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## **Search History**

DATE: Tuesday, September 26, 2006 Purge Queries Printable Copy Create Case

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<u>L13</u>	L12 and (pool or population)	49	<u>L13</u>
<u>L12</u>	L11 and cost near function	57	<u>L12</u>
<u>L11</u>	chromosomes and cost and generates and (increment or incremental or increase or decrease or change)	1920	<u>L11</u>
<u>L10</u>	multi-varia\$ near cost and chromosomes	6	<u>L10</u>
<u>L9</u>	chromosomes same (real or initial) near cost	6	<u>L9</u>
<u>L8</u>	chromosomes and (real or initial) near cost	29	<u>L8</u>
<u>L7</u>	chromosomes same cost and (real or initial) near cost	6	<u>L7</u>
<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>
	·		

<u>L1</u> (5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.

14 <u>L1</u>

#### Search Results -

Terms	Documents
L12 and (pool or population)	49

US Pre-Grant Publication Full-Text Database

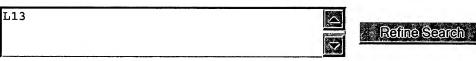
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<u>L13</u>	L12 and (pool or population)	49	<u>L13</u>
<u>L12</u>	L11 and cost near function	57	<u>L12</u>
<u>L11</u>	chromosomes and cost and generates and (increment or incremental or increase or decrease or change)	1920	<u>L11</u>
<u>L10</u>	multi-varia\$ near cost and chromosomes	. 6	<u>L10</u>
<u>L9</u>	chromosomes same (real or initial) near cost	6	<u>L9</u>
<u>L8</u>	chromosomes and (real or initial) near cost	29	<u>L8</u>
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<u>L6</u>	L5 and (real or initial) near cost	6	<u>L6</u>
<u>L5</u>	L4 and generates	97	<u>L5</u>
<u>L4</u>	chromosomes same cost	243	<u>L4</u>
<u>L3</u>	chromosomes and cost	5853	<u>L3</u>
<u>L2</u>	L1 and cost and chromosome\$	4	<u>L2</u>

#### Search Results -

Terms	Documents
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<u>L4</u>	6,766,497.pn.	2	<u>L4</u>

L3 chromosomes and costs and speculative and incremental 6 L3 L2 chromosomes and cost and speculative 38 L2

<u>L1</u> 10/761,478 1 <u>L1</u>

<u>L1</u> (5,255,345 5,970,487 6,088,519 6,182,057 6,493,658 6,557,145 6,578,176).pn.

14 <u>L1</u>



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